COD Analyzer LX101CDA

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Description

COD Analyzer LX101CDA is used for measuring the Chemical Oxygen Demand (COD) of water samples. It is equipped with silicon photodiode light source to support different testing ranges and includes a USB interface for convenient data transfer to a PC. The instrument is widely used in water quality monitoring, environmental protection, petroleum and chemical industries, healthcare, and other related fields.

Specifications

Measuring principle	Fast digestion spectrophotometry
Range	10 - 10000 mg/L
Accuracy	≤ 5 %
Resolution	0.01
Light source	Imported Silicon Photodiode
Display	High resolution touch screen
Ambient temperature	5 - 40°C
Ambient humidity	Relative humidity ≤ 85 % (No condensation)
Data Storage	5000 Sets
Output	USB
Power supply	AC 220 V, 50 Hz or AC 110 V, 60 Hz
External dimension	460 x 380 x 200 mm and 450 x 370 x 190 mm
Net weight	6 Kg
Packing dimension	520 x 450 x 300 mm and 520 x 450 x 300 mm
Gross weight	13 Kg

Features

- Equipped with an imported silicon photodiode
- 7-inch high-resolution touch screen for user-friendly operation
- No blank calibration required, enabling faster operation
- Supports automatic measurement with direct digital readout
- Supports zero-point and up to 7-point calibration, with calibration restore function
- Built-in standard curves with user-defined customization

- Storage capacity of up to 5,000 data sets
- USB interface for easy data transfer to a computer
- Built-in thermal printer for printing current and stored measurement data

Applications

- It is widely used in water quality monitoring, environmental protection, the petroleum and chemical industries, healthcare, and related fields.

Standard Accessories

- Sample bottle x 2 Pcs
- Power cord

Optional Accessories

- COD Reactor

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